

Journal of Hepatology

CTAT methods

Tables for a “Complete, Transparent, Accurate and Timely account” (CTAT) are now mandatory for all revised submissions. The aim is to enhance the reproducibility of methods.

- Only include the parts relevant to your study
- Refer to the CTAT in the main text as ‘Supplementary CTAT Table’
- Do not add subheadings
- Add as many rows as needed to include all information
- Only include one item per row

If the CTAT form is not relevant to your study, please outline the reasons why:

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1.1 Antibodies

Name	Citation	Supplier	Cat no.	Clone no.
α-β-actin		Sigma-Aldrich	A1978	AC-15
α-tubulin		Sigma-Aldrich	T5168	N/A
α-FLAG M2		Sigma-Aldrich	F3165	M2
α-FLAG (oligo)		invitrogen	740001	20H18L16, 20H1L23, 8H2L5, 8H8L17
α-HCV-NS5A-9E10 mAb	Lindenbach et al (2005)	Kindly provided by Charles M Rice		N/A
α -HCV-NS3 #337		homemade		F3A6
α-HCV-Core C7/50 mAb	Moradpour et al (1996)	kindly provided by D. Moradpour		N/A
α-C19orf66		abcam	ab122765	N/A
α-RBPMS		Sigma-Aldrich	HPA056999	N/A
α-mouse-IgG (Alexa Fluor 488)		invitrogen	A-11001	N/A
α-mouse-IgG (Alexa Fluor 546)		invitrogen	A-11003	N/A
α-mouse-IgG (Alexa Fluor 647)		invitrogen	A-21235	N/A
α-rabbit-IgG (Alexa Fluor 488)		invitrogen	A-11008	N/A
α-rabbit-IgG (Alexa Fluor 546)		invitrogen	A-11010	N/A

α-rabbit-IgG (Alexa Fluor 647)		invitrogen	A-21244	N/A
a-beta-actin HRP		Sigma-Aldrich	A3854	AC-15
anti-rabbit- IgG (HRP-coupled)		Jackson	111-035-003	N/A
Anti-PI(4)P-IgM		Echelon Biosciences Inc.	Z-P004	N/A
a-CD81-IgG		BD biosciences	555675	Js-81

1.2 Cell lines

Name	Citation	Supplier	Cat no.	Passage no.	Authentication test method
Huh-7.5 cells	Blight et al (2002)	Kindly provided by Charles M Rice	N/A	15	NGS
Huh7-Lunet/T7 cells	Backes et al (2010)		N/A	15	
HEK 293T		ATCC	N/A	15	

1.3 Organisms

Name	Citation	Supplier	Strain	Sex	Age	Overall n number

1.4 Sequence based reagents

Name	Sequence	Supplier
Fwd_HCV 5'	GCGCAACCGGTGAGTACA	Eurofi ns
Rev_HCV 5'	ACTCGCAAGCACCTATCAG	Eurofi ns
Fwd_C19ORF66	GGTGTGGAGCTGGAGAAGAG	Eurofi ns
Rev_C19ORF66	GCCGAATTCCTCATCAGAG	Eurofi ns
Fwd_Mx1	CAATCAGCCTGCTGACATTG	Eurofi ns
Rev_Mx1	TGTCTCCTGCCTCTGGATG	Eurofi ns
Fwd_GAPDH	GCAAATTCATGGCACCGT	Eurofi ns
Rev_GAPDH	TCGCCCACTTGATTTTGG	Eurofi ns
C19orf66_CRISPR_oligo #1_fwd	GTCGTCTCCACCGACCTTCCTGAGACATGGTGG GTTTCGAGACGTG	Eurofi ns

C19orf66_CRISPR_oligo #1_rev	CACGTCTCGAAACCCACCATGTCTCAGGAAGGTC GGTGGGAGACGAC	Eurofi ns
C19orf66_CRISPR_oligo #2_fwd	GTCGTCTCCCACCGGTGGAGGTAAGCGATGGCTA GTTTCGAGACGTG	Eurofi ns
C19orf66_CRISPR_oligo #2_rev	CACGTCTCGAAACTAGCCATCGCTTACCTCCACC GGTGGGAGACGAC	Eurofi ns
C19orf66_CRISPR_oligo #3_fwd	GTCGTCTCCCACCGATATGCACTCTCCCCGCAG GTTTCGAGACGTG	Eurofi ns
C19orf66_CRISPR_oligo #3_rev	CACGTCTCGAAACCTGCGGGGGAGAGTGCATATC GGTGGGAGACGAC	Eurofi ns
Non_targeting_CRISPR_oligo_for	GTCGTCTCCCACCGCTAAGGTTAAGTCGCCCTCG GTTTCGAGACGTG	Eurofi ns
Non_targeting_CRISPR_oligo_rev	CACGTCTCGAAACCGAGGGCGACTTAACCTTAGC GGTGGGAGACGAC	Eurofi ns
C19orf66_gRNA1/2_left	AATCGAAAGCGAAACAGGG	Eurofi ns
C19orf66_gRNA1/2_right	GGTTCTAGGATGGGGGTCC	Eurofi ns
C19orf66_gRNA3_left	TCTAGGGAGAGGCGTTGAGAT	Eurofi ns
C19orf66_gRNA3_right	GGGCATCCAGATCGTTACTTAG	Eurofi ns

1.5 Biological samples

Description	Source	Identifier
Primary human hepatocytes	Department of General, Visceral, and Transplant Surgery at Hannover Medical School, Hannover, Germany or Department of Gastroenterology and Hepatology, University Hospital Essen, Germany	
peripheral blood mononuclear cells	Blutbank Springe (Germany)	
Liver biopsies	Outpatient clinic of the Division of Gastroenterology and Hepatology, University Hospital Basel	

1.6 Deposited data

Name of repository	Identifier	Link

1.7 Software

Software name	Manufacturer	Version
GraphPad Prism	Graphpad Software, Inc	8

CellProfiler		Stable (3.1.9)
Fiji	ImageJ	1.52e
CLC Genomics Workbench	Qiagen	11.0.1
Perseus		(v.1.6.5.0)

1.8 Other (e.g. drugs, proteins, vectors etc.)

Reagent	Supplier	Cat no.
2-C-methyladenosine	Kindly provided by Timothy Tellinghuisen	
Daclatasvir	Selleckchem	S1482
Ruxolitinib	Adipogen, Switzerland	SYN-1120
NaAsO ₂	Sigma-Aldrich	S7400
blastocidin S	InvivoGen	ant-bl
puromycin	Sigma-Aldrich	P8833
G418-BC Sulfate	Biochrom	A291-25
Zeocin	Invitrogen	R250
Bodipy 495/503	Invitrogen	D3922
DAPI	Invitrogen	D1306

1.9 Please provide the details of the corresponding methods author for the manuscript:

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2.0 Please confirm for randomised controlled trials all versions of the clinical protocol are included in the submission. These will be published online as supplementary information.

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